



ELSEVIER

**ECOLOGICAL
ECONOMICS**

Ecological Economics 31 (1999) 475–477

www.elsevier.com/locate/ecocon

Contents of *Ecological Economics*, Vol. 31

Vol. 31 No. 1

OCTOBER 1999

News and Views

An overview of greenhouse gas emissions trading pilot schemes and activities

C.L. Sonneborn (Australia) 1

Commentary

Should the rules of allocating emissions permits be harmonised?

Z.X. Zhang (The Netherlands) 11

The social cost of eating cake

R.D. Cairns (Canada) 19

The value of systemic reasoning

J. Schütz (Switzerland) 23

Globalization versus internationalization — some implications

H.E. Daly (USA) 31

Survey

European environmental taxes and charges: recent experience, issues and trends

P. Ekins (UK) 39

Methods

Estimating the loss of agricultural productivity in the Amazon

D. Weinhold (UK) 63

Analysis

Can solar cooking save the forests?

M. Tucker (USA) 77

Non-renewability in forest rotations: implications for economic and ecosystem sustainability

J.D. Erickson, D. Chapman, T.J. Fahey and M.J. Christ (USA) 91

Sustainable ecological economies

J.E. Cantlon and H.E. Koenig (USA) 107

No chance for incentive-oriented environmental policies in representative democracies? A Public Choice analysis

F. Schneider and J. Volkert (Austria, Germany) 123

Trust law, sustainability, and responsible action

A. Scott (USA) 139

The mineral economy: how prices and costs can falsely signal decreasing scarcity

D.B. Reynolds (USA) 155

Book reviews 167

Vol. 31 No. 2

NOVEMBER 1999

Commentary

Ecological economics and sustainable governance of the oceans

R. Costanza, F. Andrade, P. Antunes, M. van den Belt, D. Boesch, D. Boersma, F. Catarino, S. Hanna, K. Limburg, B. Low, M. Molitor, J.G. Pereira, S. Rayner, R. Santos, J. Wilson and M. Young (USA, Portugal, Sweden, Australia) 171

The role of science in ocean governance D.F. Boesch (USA)	189
Analysis	
The ecological, economic, and social importance of the oceans R. Costanza (USA)	199
Integrated environmental management of the oceans P. Antunes and R. Santos (Portugal)	215
Human–ecosystem interactions: a dynamic integrated model B. Low, R. Costanza, E. Ostrom, J. Wilson and C.P. Simon (USA)	227
Scale misperceptions and the spatial dynamics of a social–ecological system J. Wilson, B. Low, R. Costanza and E. Ostrom (USA)	243
Mapping institutional diversity for implementing the Lisbon principles S. Rayner (USA)	259
Strengthening governance of ocean fishery resources S.S. Hanna (USA)	275
Limiting abuse: marine protected areas, a limited solution P.D. Boersma and J.K. Parrish (USA)	287

Methods	
The design of fishing-right systems — the NSW experience M.D. Young (Australia)	305

Vol. 31 No. 3 DECEMBER 1999

Letters to the Editor	
An evaluation of the ecological footprint M. Wackernagel (USA)	317
The essence of ecological footprints A.R.B. Ferguson (UK)	318
An evaluation of the 'ecological footprint': reply to Wackernagel and Ferguson J. van den Bergh and H. Verbruggen (The Netherlands)	320

Commentary	
International greenhouse gas emissions trading: who should be held liable for the non-compliance by sellers? Z.X. Zhang (The Netherlands)	323

Tenth Anniversary Invited Paper	
Globalisation, transport and the environment: new perspectives for ecological economics D.B. van Veen-Groot and P. Nijkamp (Netherlands)	331

Analysis	
Consumption and environment: some conceptual issues T. Princen (USA)	347
Evolution of economy and environment: an application to land use in lowland Vietnam W.N. Adger (UK)	365
Is energy cost an accurate indicator of natural resource quality? D.I. Stern (Australia)	381
Carrying capacity reconsidered: from Malthus' population theory to cultural carrying capacity I. Seidl and C.A. Tisdell (Switzerland, Australia)	395
The environmental Kuznets curve: does one size fit all? J.A. List and C.A. Gallet (USA)	409
Bargaining to preserve a unique ecosystem: the role of anticipatory investments to establish stronger bargaining positions J.K. Stranlund (USA)	425

Enriching the rainforest with native fruit trees: an ecological and economic analysis in Los Tuxtlas (Veracruz, Mexico) M. Ricker, R.O. Mendelsohn, D.C. Daly and G. Ángeles (Mexico, USA)	439
Dynamics of soil acidification: an economic analysis E.C. Schmieman and E.C. van Ierland (The Netherlands)	449
Book reviews	463
Announcement	469
Author index	471
Keyword index	473
Volume contents	475

